

## WEEKLY GREAT LAKES WATER LEVEL UPDATE

May 09, 2014

### WEATHER CONDITIONS

Temperatures were moderate throughout the Great Lakes basin last weekend and into this week, ranging from average to slightly below average. With the exception of the storm that visited southern Michigan on Wednesday, precipitation throughout the region has not been significant in May thus far. Last month, however, all of the Great Lakes experienced above average precipitation. This weekend, temperatures will generally be above average in the Great Lakes basin, with the Lake Erie and Ontario basins expected to see temperatures around 15 degrees above normal on Friday. In addition, the vast majority of the Great Lakes region is predicted to see thunderstorms at some point this weekend and the coming Monday.

### LAKE LEVEL CONDITIONS

Lakes Superior and Michigan-Huron are 13 and 12 inches respectively above their levels of a year ago. Lakes St. Clair, Erie and Ontario are 11, 8 and 9 inches, respectively above what their level was this time last year. Lakes Superior and Michigan-Huron are predicted to climb 6 and 2 inches respectively over the next 30 days. Lakes St. Clair, Erie and Ontario are all projected to rise 1 inch over the next month. See our [Daily Levels web page](#) for more water level information.

### FORECASTED MONTHLY OUTFLOWS/CHANNEL CONDITIONS

Lake Superior's outflow through the St. Mary's River is forecasted to be above average for the month of May. Lake Michigan-Huron's outflow into the St. Clair River is predicted to be below average, while Lake St. Clair's outflow into the Detroit River is expected to be near average. In addition, the outflow of Lake Erie into the Niagara River and Lake Ontario's outflow into the St. Lawrence River are projected to be near average in May.

### ALERTS

Official records are based on monthly average water levels and not daily water levels. Users of the Great Lakes, connecting channels and St. Lawrence River should keep informed of current conditions before undertaking any activities that could be affected by changing water levels. Mariners should utilize navigation charts and refer to current water level readings. Ice information can be found at the National Ice Center's [website](#).

	SUPERIOR	MICH-HURON	ST. CLAIR	ERIE	ONTARIO
Forecasted Water Level for May 9, 2014 (feet)	601.71	578.12	574.48	571.92	246.39
Chart Datum (feet)	601.10	577.50	572.30	569.20	243.30
Difference from chart datum (inches)	+7	+7	+26	+33	+37
Difference from average water level for Apr 9, 2014 (inches*)	+6	+8	+6	+6	+15
Difference from average water level for May 9, 2013 (inches*)	+13	+12	+11	+8	+9
Difference from long-term monthly average of May (inches)	+2	-10	-1	+1	+4
Difference from highest monthly average of record for May (inches)	-13	-42	-29	-26	-25
Year of highest recorded monthly mean	1986	1986	1986	1986	1973
Difference from lowest monthly average of record for May (inches)	+25	+19	+27	+35	+39
Year of lowest recorded monthly mean	1926	1964	1934	1934	1935
Projected change in levels by Jun 9, 2014 (inches)	+6	+2	+1	+1	+1

ALL DATA SHOWN IN THIS SUMMARY ARE REFERENCED TO IGLD 1985

\*VALUES FOR SPECIFIC DAY ARE BASED ON 3-DAY DAILY AVERAGE AROUND SPECIFIED DATE

LONG TERM AVERAGE PERIOD OF RECORD, 1918-2013

FORECASTED INFORMATION PROVIDED BY  
Department of the Army  
Detroit District, Corps of Engineers  
[Detroit District Home](#)  
1-888-694-8318 ext. 1

RECORDED DATA (1918 – present)  
provided by  
[NOAA, Great Lakes Online](#)  
(301) 713-9596

FOR MORE INFORMATION VISIT  
[Detroit District Great Lakes Homepage](#)  
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